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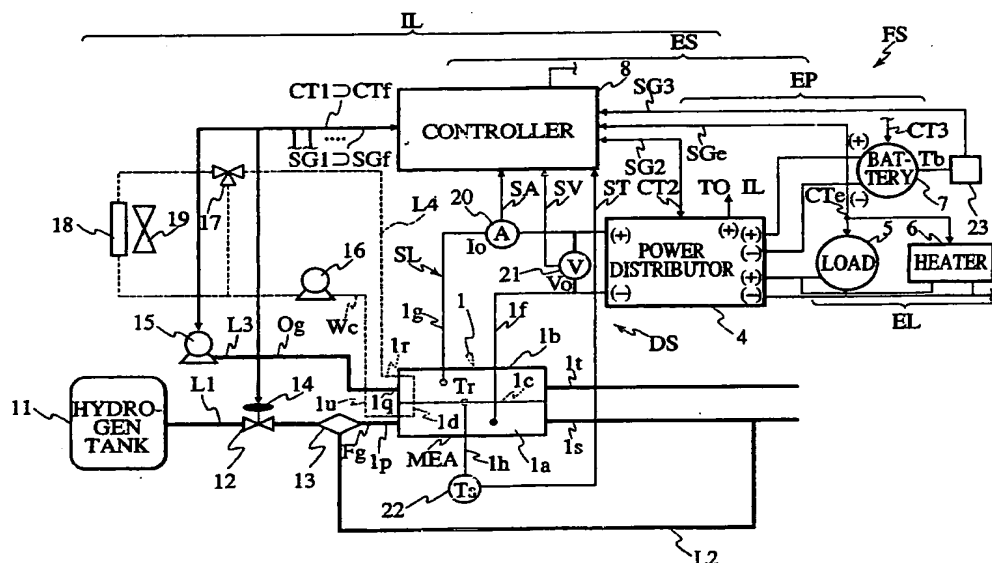
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(54) Title: **FUEL CELL SYSTEM AND CONTROL METHOD**



(57) Abstract: An energy supply (ES) is formed by a fuel cell (1), a power distributor (4) connected to the fuel cell (1), and a secondary cell (7) connected to the power distributor (4), a whole load set (WL) is connected to the power distributor (4), and a controller (8) controls the power distributor (4) to warm the energy supply (ES) by alternatively repeating a power charging distribution (S61) in which power (Gm) generated at the fuel cell (1) is distributed to the secondary cell (7) and the load set (WL), and a power discharging distribution (S71) in which a sum of power (Gr) generated at the fuels cell (1) and power (Dp) discharged from the secondary cell (7) is distributed to the load set (WL).